**FILE NOTE**

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Project Hull 2017, ‘Zephyr’/Nayan Kulkarni

Meeting 20th May 2016

Location Hull 2017, Pacific Exchange, 40 High Street, Hull, HU1 1PS

Purpose Progress Meeting

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Present Chris Clay, Hull 2017 CC

 Andrew Knight, Hull 2017 AK

Sam Hunt, Hull 2017 SH

Hannah Williams Walton, Hull 2017 HWW

Mike Milledge, Siemens MM

 Darren Adams, ALE DA

Nayan Kulkarni NK

Richard Bickers, ARUP RB

Javed Hussain, ARUP JH

Circulation Finbarr Dowling, Siemens

 Hazel Colquhoun

Siemens and ALE have had an initial look at potential routes between King George Dock and Hull City Centre. Following confirmation of the preferred location for the blade, Siemens/ALE will assess the routes to confirm accessibility.

MM/DA will consider the use of Self Propelled Modular Transporter (SMTP) in order to minimise the swept path of the blade during transport.

Siemens will provide a 3D “shell” of the blade in CAD format to Arup/NK to help identify suitable locations and orientation of the installation.

DA requested layout plans for the public realm scheme. Arup to forward layout plans in CAD format to MM/DA.

**Action: MM to forward 3D “shell” of blade (in CAD format) to Arup.**

**Action: Arup to forward Public Realm scheme layout plans (in CAD format) to MM/DA.**

MM said that they will be transporting a “half-cast “ of the blade between King George Docks and Queen Alexandra Docks in the near future. Permits are already in place for this move and the same permits will be required for transporting to blade. Police escort is required along the A63/A1033. Hull City Council (HCC) will be removing and reinstalling the affected street furniture.

DA said that permits will be required from Highways England for transport along the A63/A1033 (Strategic Road Network). Twelve weeks should be allowed for the permit application and the permit is valid for 4 months, i.e. the blade has to be transported within the 4 month period. MM said that the required permits and Police escort is part of Siemens offer to transport the blade.

DA advised that the route survey could be completed for 10th June.

**Action: MM/DA to confirm permit/license requirements for transporting the blade and impact on infrastructure.**

**Action: Siemens/ALE will arrange for the required permits and Police escort for transporting the blade.**

MM said that Siemens have historical wind data. MM to review records to extract recorded conditions for 1st January and around 25th May to identify likely wind conditions during delivery and removal of the blade. MM said that the blade could not be transported if it was subjected to winds speeds of 7 m/s or greater. This will inform the risk register.

**Action: MM to review historical wind records.**

CC has regular update meetings with the Police and Hull 2017 have a dedicated link to Silver Command.

**Note: All communication with the Police to go through CC.**

NK and RB/JH to consider location and display of blade installation. NK to work with Arup’s Structural Engineer to explore support requirements.

**Action: NK and Arup to consider support requirements.**

RB said a Planning Application is required for installations over 4m in height and in—situ for over 28 days. Consideration should be given to the level of detail that will accompany a Planning Application as this information will available publically – this would negate the element of surprise. It is unlikely that the application will be determined by Delegated Powers. CC to discuss Planning requirements with HCC Officers and consider preferred approach to Planning, i.e. level of pre-application discussions with HCC.

**Action: CC to consider preferred approach to Planning.**

RB suggested a series of risk reduction meetings. A Risk Register will be set up and discussed at the next meeting. The register is to be reviewed at every progress meeting.

**Action: Arup to set up a Risk Register.**

RB presented a 3D model of Hull City Centre prepared by Arup. This will be forwarded to NK along with the blade “shell” to help determine the preferred location for installation.

**Action: Arup to forward 3D city model shape file to NK.**

MM asked for names of those wanting to visit the Siemens Factory in Aalborg, Denmark. The trip is likely to be a late flight, overnight stay, factory visit the next day and a return flight in the evening. A two-day Epoxy training course (delivered in Hull) will need to be completed by prior to the visit. MM will need suggested dates and names early next week.

**Action: AK to forward a list of names to MM for Aalborg factory visit.**

Arup will forward a Programme to Hull 2017 setting out the timescales for the feasibility work.

**Action: Arup to forward Programme to Hull 2017.**

Siemens/ALE will require around 3 weeks to consider potential routes and accessible locations within the city centre. Considering this, the next progress meeting is scheduled for 9th June 2016 at 2pm (the venue for the meeting is to be confirmed).

**Action: AK to confirm meeting details (including venue) for next meeting.**